# UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO.

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Page 1 of 1

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INVENTOR(S)

: Shinya Yamakawa

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

## Column 13,

Lines 62-63, after "for controlling" delete "controlling".

# Column 19,

Line 17, after "means" delete ":" and insert --; --.

#### Column 22,

Line 61, delete "intialization" and insert -- initialization --.

Line 63, delete "of(a-1)" and insert — of (a-1) —.

### Column 23,

Line 17, delete "steps (a)" and insert -- step (a) --.

# Column 24,

Line 45, delete "(b)controlling" and insert -- (b) controlling --. Line 57, delete "(a-5) collecting" and insert -- (a-5) collecting --.

Signed and Sealed this

Eleventh Day of July, 2006

JON W. DUDAS Director of the United States Patent and Trademark Office